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Public Utility Commission of Texas

Annual Report

Required by 16 Texas Admin. Code § 25.97(f)

PROJECT NO. 52938

AFFECTED ENTITY: Oncor Electric Delivery Company LLC ("Oncor")

General Information

Pursuant to 16 Texas Admin. Code § 25.97(f)(1), not later than May 1 of each year, each affected entity must submit this report for the preceding calendar year. The first report must be submitted not later than May 1, 2020.

Instructions

Answer all questions, fill-in all blanks, and have the report notarized in the affidavit. If you check no in part 1.a, leave parts 1.b-d blank.

Violations resulting from, and incidents, fatalities, or injuries attributable to a violation resulting from, a natural disaster, weather event, or man-made act or force outside of an affected entity's control are not required to be reported.

Affidavit

A representative of the affected entity must swear to and affirm the truthfulness, correctness, and completeness of the information provided by attaching a signed and notarized copy of the Affidavit provided with this form.

Filing Instructions

Submit four copies (an original and three copies) of the completed form and signed and notarized Affidavit to:

Central Records Filing Clerk
Public Utility Commission of Texas
1701 N. Congress Avenue
P.O. Box 13326
Austin, Texas 78711-3326
Telephone: (512) 936-7180

1. This part applies only to an affected entity that owns or operates overhead transmission facilities greater than 60 kilovolts.

a) Does this part 1 apply to you? Yes ☒ No ☐

b) Provide the number of identified occurrences of noncompliance with Public Utility Regulatory Act (PURA) § 38.004 regarding vertical clearance requirements of the National Electrical Safety Code (NESC) for overhead transmission facilities.

In 2021, Oncor collected detailed survey data (i.e. LiDAR), structural imagery, and right-of-way video, and coordinated with subject matter experts to perform subsequent hydraulic and hydrologic, structural, and spatial modeling of 22 transmission spans (the section of wires of a transmission line circuit between adjacent structures), associated with 13 transmission circuits, to determine compliance with National Electric Safety Code (NESC) vertical clearance requirements. All 22 of the analyzed spans are water crossings over lakes specifically identified in HB 4150. Of the 22 spans analyzed, 1 span, associated with 1 transmission circuit, was determined to not meet NESC required vertical clearance.

While Oncor regularly conducts aerial and ground patrols on transmission circuits, including lake crossings, to identify and mitigate safety and reliability concerns, employing more advanced technology and analytical capabilities, and establishing consistent hydraulic design criteria for this effort resulted in more precise and actionable information.

All of the identified substandard water-crossing spans were brought into compliance by the end of 2021 as required by HB 4150.

Refer to subpart d) for identified occurrences of noncompliance with Army Corps of Engineers easement agreements that otherwise meet NESC clearance requirements.

*This concludes our analysis of the spans crossing over lakes specifically identified in HB 4150. Refer to the 2019 Annual Report (Project 50596) and 2020 Annual Report (Project 51890) for additional information regarding the lake crossing analysis.

- c) Do you have actual knowledge that any portion of your transmission system is not in compliance with PURA § 38.004 regarding vertical clearance requirements of the NESC for overhead transmission facilities?

Oncor does not have actual knowledge that any portion of its transmission system is not in compliance with PURA 38.004 regarding vertical clearance requirements of the NESC for overhead transmission facilities.

The one (1) identified span mentioned in subpart b) was brought into compliance in 2021.

All spans that were previously identified as non-compliant with NESC vertical clearance requirements on the 2020 Annual Report (Project 51890) have been brought into compliance.

- d) Do you have actual knowledge of any violations of easement agreements with the United States Army Corps of Engineers relating to PURA § 38.004 regarding vertical clearance requirements of the NESC for overhead transmission facilities?

Oncor has actual knowledge of one (1) violation of easement agreements with the United States Army Corps of Engineers relating to PURA 38.004 regarding vertical clearance requirements of the NESC for overhead transmission facilities. This violation was identified on one (1) transmission circuit, and includes eight (8) spans.

Although these eight (8) spans do not meet the clearance values contained within the USACE easement agreement, they do meet the applicable vertical clearances which are required by the NESC. Oncor submitted multiple line outage requests to address these eight (8) spans in the spring of 2022, but ERCOT withdrew outage approvals. These spans will be addressed at the next opportunity to obtain a line outage.

In 2021, Oncor identified two (2) additional violations of easement agreements with the United States Army Corps of Engineers relating to PURA 38.004 regarding vertical clearance requirements of the NESC for overhead transmission facilities. These violations were identified on two (2) transmission circuits, and included four (4) spans. These violations were addressed in 2021.

2. This part applies to an affected entity that owns or operates overhead transmission facilities greater than 60 kilovolts or distribution facilities greater than 1 kilovolt.

- a) Provide the number of fatalities or injuries of individuals other than employees, contractors, or other persons qualified to work in proximity to overhead high voltage lines involving transmission or distribution assets related to noncompliance with the requirements of PURA § 38.004.

None.

b) Provide a description of corrective actions taken or planned to prevent the reoccurrence of fatalities or injuries described in subpart a), immediately above.

Not applicable.

AFFIDAVIT

I swear or affirm that I have personal knowledge of the facts stated in this report or am relying on people with personal knowledge, that I am competent to testify to them, and that I have the authority to submit this report on behalf of the affected entity. I further swear or affirm that all statements made in this report are true, correct, and complete.

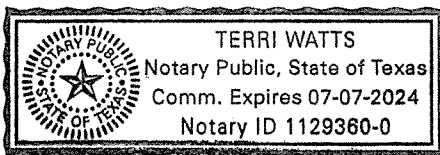
Thomas J Yamin
Signature

Thomas J. Yamin, P.E.
Printed Name

Director-- Regulatory Transmission and Planning
Job Title

Oncor Electric Delivery Company LLC ("Oncor")
Name of Affected Entity

Sworn and subscribed before me this 29th day of April, 2022
Month Year



Terri Watts
Notary Public in and For the State of Texas
My commission expires on 07-07-2024